INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
We Protect Hoosiers and Our Environment.

Michael R. Pence
Governor

Thomas W. Easterly
Commissioner

100 North Senate Avenue
Indianapolis, Indiana 46204
(317) 232-8603
Toll Free (800) 451-6027
www.idem.IN.gov

TO: Interested Parties / Applicant

DATE: May 22, 2013

RE: Azimuth Custom Extrusions, LLC / 163-32808-00127

FROM: Matthew Stuckey, Branch Chief
Permits Branch
Office of Air Quality

Notice of Decision: Approval - Effective Immediately

Please be advised that on behalf of the Commissioner of the Department of Environmental Management, I have issued a decision regarding the enclosed matter. Pursuant to IC 13-15-5-3, this permit is effective immediately, unless a petition for stay of effectiveness is filed and granted according to IC 13-15-6-3, and may be revoked or modified in accordance with the provisions of IC 13-15-7-1.

If you wish to challenge this decision, IC 4-21.5-3 and IC 13-15-6-1 require that you file a petition for administrative review. This petition may include a request for stay of effectiveness and must be submitted to the Office of Environmental Adjudication, 100 North Senate Avenue, Government Center North, Suite N 501E, Indianapolis, IN 46204, **within eighteen (18) calendar days of the mailing of this notice**. The filing of a petition for administrative review is complete on the earliest of the following dates that apply to the filing:

(1) the date the document is delivered to the Office of Environmental Adjudication (OEA);
(2) the date of the postmark on the envelope containing the document, if the document is mailed to OEA by U.S. mail; or
(3) The date on which the document is deposited with a private carrier, as shown by receipt issued by the carrier, if the document is sent to the OEA by private carrier.

The petition must include facts demonstrating that you are either the applicant, a person aggrieved or adversely affected by the decision or otherwise entitled to review by law. Please identify the permit, decision, or other order for which you seek review by permit number, name of the applicant, location, date of this notice and all of the following:

(1) the name and address of the person making the request;
(2) the interest of the person making the request;
(3) identification of any persons represented by the person making the request;
(4) the reasons, with particularity, for the request;
(5) the issues, with particularity, proposed for considerations at any hearing; and
(6) identification of the terms and conditions which, in the judgment of the person making the request, would be appropriate in the case in question to satisfy the requirements of the law governing documents of the type issued by the Commissioner.

If you have technical questions regarding the enclosed documents, please contact the Office of Air Quality, Permits Branch at (317) 233-0178. Callers from within Indiana may call toll-free at 1-800-451-6027, ext. 3-0178.

Enclosures
FNPER.dot12/03/07

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
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New Source Review
and
Minor Source Operating Permit (MSOP)
OFFICE OF AIR QUALITY

Azimuth Custom Extrusions, LLC
1618 Lynch Road
Evansville, Indiana 47711

(Herein known as the Permittee) is hereby authorized to operate subject to the conditions contained herein, the source described in Section A (Source Summary) of this permit.

This permit is issued to the above mentioned company under the provisions of 326 IAC 2-1.1, 326 IAC 2-6.1 and 40 CFR 52.780, with conditions listed on the attached pages.

Indiana statutes from IC 13 and rules from 326 IAC, quoted in conditions in this permit, are those applicable at the time the permit was issued. The issuance or possession of this permit shall not alone constitute a defense against an alleged violation of any law, regulation or standard, except for the requirement to obtain a MSOP under 326 IAC 2-6.1.

Operation Permit No.: M163-32808-00127	
Issued by: Iryn Calilung, Section Chief Permits Branch Office of Air Quality	Issuance Date: May 22, 2013 Expiration Date: May 22, 2018

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SECTION A SOURCE SUMMARY

This permit is based on information requested by the Indiana Department of Environmental Management (IDEM), Office of Air Quality (OAQ). The information describing the source contained in conditions A.1 and A.2 is descriptive information and does not constitute enforceable conditions. However, the Permittee should be aware that a physical change or a change in the method of operation that may render this descriptive information obsolete or inaccurate may trigger requirements for the Permittee to obtain additional permits or seek modification of this permit pursuant to 326 IAC 2, or change other applicable requirements presented in the permit application.

A.1 General Information [326 IAC 2-5.1-3(c)][326 IAC 2-6.1-4(a)]

The Permittee owns and operates a stationary custom extruded sheet products manufacturer.

Source Address:	1618 Lynch Road, Evansville, Indiana 47711
General Source Phone Number:	812-423-6180
SIC Code:	3081 (Unsupported Plastics Film and Sheet)
County Location:	Vanderburgh
Source Location Status:	Attainment for all criteria pollutants
Source Status:	Minor Source Operating Permit Program Minor Source, under PSD and Emission Offset Rules Minor Source, Section 112 of the Clean Air Act Not 1 of 28 Source Categories

A.2 Emission Units and Pollution Control Equipment Summary

This stationary source consists of the following emission units and pollution control devices:

(a) Five (5) sheet extrusion lines, consisting of the following:

(1) One (1) extrusion line, identified as E-1, constructed prior to 2002, with a maximum capacity of 1,550 pounds per hour of plastic resin pellets, re-ground plastic resin, colorants and additives, using no control, and exhausting to stack SV-E1.

(2) One (1) extrusion line, identified as E-3, constructed prior to 2002, with a maximum capacity of 950 pounds per hour of plastic resin pellets, re-ground plastic resin, colorants and additives, using no control, and exhausting to stack SV-E3.

(3) One (1) extrusion line, identified as E-4, constructed in 2002, with a maximum capacity of 1,100 pounds per hour of plastic resin pellets, re-ground plastic resin, colorants and additives, using no control, and exhausting to stack SV-E4.

(4) One (1) extrusion line, identified as E-5, constructed in 2002, with a maximum capacity of 850 pounds per hour of plastic resin pellets, re-ground plastic resin, colorants and additives, using no control, and exhausting to stack SV-E5.

(5) One (1) extrusion line, identified as E-6, constructed in 2003, with a maximum capacity of 900 pounds per hour of plastic resin pellets, re-ground plastic resin, colorants and additives, using no control, and exhausting to stack SV-E6.

(b) One (1) profile extrusion line, identified as P-1, constructed in 2005, with a maximum capacity of 350 pounds per hour of plastic waste, using no control, and exhausting inside the building.

(c) Five (5) sheet extrusion edge trimmers, associated with each of the five (5) sheet

extrusion lines, with a combined maximum capacity of 5,350 pounds per hour of plastic sheets, using no control, and exhausting inside the building.

(d) Four (4) grinders, consisting of the following:

(1) Two (2) grinders, identified as G-1 and G-2, constructed in 2002, with a maximum capacity of 500 pounds per hour of plastic scrap each, using no control, and exhausting inside the building.

(2) One (1) grinder, identified as G-3, constructed prior to 2002, with a maximum capacity of 500 pounds per hour of plastic scrap, using no control, and exhausting inside the building.

(3) One (1) grinder, identified as G-4, constructed in 2010 with a maximum capacity of 500 pounds per hour of plastic scrap, using no control, and exhausting inside the building.

Note: Some scrap plastic from the five sheet extrusion lines is re-ground for reuse as a raw material in extrusion. This scrap is processed in one of the four grinding units.

(e) Material Handling System, consisting of the following:

(1) One (1) Pellet unloading operation, identified as PU, constructed prior to 2002, with a maximum capacity of 5700 pounds per hour of plastic resin pellets, using no control, and located outside the building.

(2) One (1) Pellet transferring/conveying operation, identified as PT, constructed prior to 2002, with a maximum capacity of 5700 pounds per hour of plastic resin pellets, using a vacuum pump system with seven (7) pumps, each with a fabric filter, identified as FF1-FF7, and using a cyclone as control, and exhausting to stack SV-CYC.

(3) One (1) Pellet drying operation, identified as PD, constructed prior to 2002, with a maximum capacity of 5700 pounds per hour of plastic resin pellets, using no control, and exhausting inside the building.

Note: The dryers are electric.

(4) One (1) Blending/Mixing operation, identified as MB, with five (5) blenders, one for each extrusion line, constructed prior to 2002, with a maximum capacity of 5700 pounds per hour of plastic resin pellets, re-ground plastic resin, colorants and additives, using no control, and exhausting inside the building.

Note: The maximum throughput of the material handling system is based on the combined maximum capacities of the extrusion lines.

(f) Nine (9) storage silos, constructed prior to 1986, with a total maximum throughput capacity of 24,966 tons per year of plastic pellets, consisting of the following:

(1) One (1) storage silo, identified as SS1, with a maximum capacity of 54,841 pounds of plastic pellets, using no controls, and located outside the building.

(2) One (1) storage silo, identified as SS2, with a maximum capacity of 45,634 pounds of plastic pellets, using no controls, and located outside the building.

(3) One (1) storage silo, identified as SS3, with a maximum capacity of 45,634 pounds of plastic pellets, using no controls, and located outside the building.

(4) One (1) storage silo, identified as SS4, with a maximum capacity of 61,026 pounds of plastic pellets, using no controls, and located outside the building.

(5) One (1) storage silo, identified as SS5, with a maximum capacity of 62,479 pounds of plastic pellets, using no controls, and located outside the building.

(6) One (1) storage silo, identified as SS6, with a maximum capacity of 63,256 pounds of plastic pellets, using no controls, and located outside the building.

(7) One (1) storage silo, identified as SS7, with a maximum capacity of 91,125 pounds of plastic pellets, using no controls, and located outside the building.

(8) One (1) storage silo, identified as SS8, with a maximum capacity of 130,003 pounds of plastic pellets, using no controls, and located outside the building.

(9) One (1) storage silo, identified as SS9, with a maximum capacity of 130,003 pounds of plastic pellets, using no controls, and located outside the building.

(g) Seven (7) natural gas-fired space heaters, consisting of the following:

(1) Five (5) natural gas-fired space heaters, identified as SH1-SH5, constructed in 2005, with a maximum capacity of 0.105 MMBtu/hr each, using no control, and exhausting to stacks SV-SH1 thru SV-SH5, respectively.

(2) Two (2) natural gas-fired space heaters, identified as SH6 and SH7, constructed in 2005, with a maximum capacity of 0.15 MMBtu/hr each, using no control, and exhausting to stacks SV-SH6 and SV-SH7, respectively.

(h) One (1) natural gas-fired boiler, identified as NGB, constructed prior to 2002, with a maximum capacity of 0.84 MMBtu/hr, using no control, and exhausting to stack SV-NGB.

(i) One (1) Safety Kleen degreaser unit, identified as PW-1, with a maximum capacity of 60 gallons/year throughput and a volume of 30 gallons/tank.

Note: Safety Kleen degreaser uses a solvent that is non-photochemically reactive and therefore exempt from being classified as a VOC, as per 40 CFR part 51.100(s).

SECTION B GENERAL CONDITIONS

B.1 Definitions [326 IAC 2-1.1-1]

Terms in this permit shall have the definition assigned to such terms in the referenced regulation. In the absence of definitions in the referenced regulation, the applicable definitions found in the statutes or regulations (IC 13-11, 326 IAC 1-2 and 326 IAC 2-1.1-1) shall prevail.

B.2 Permit Term [326 IAC 2-6.1-7(a)][326 IAC 2-1.1-9.5][IC 13-15-3-6(a)]

(a) This permit, M163-32808-00127, is issued for a fixed term of five (5) years from the issuance date of this permit, as determined in accordance with IC 4-21.5-3-5(f) and IC 13-15-5-3. Subsequent revisions, modifications, or amendments of this permit do not affect the expiration date of this permit.

(b) If IDEM, OAQ, upon receiving a timely and complete renewal permit application, fails to issue or deny the permit renewal prior to the expiration date of this permit, this existing permit shall not expire and all terms and conditions shall continue in effect, until the renewal permit has been issued or denied.

B.3 Term of Conditions [326 IAC 2-1.1-9.5]

Notwithstanding the permit term of a permit to construct, a permit to operate, or a permit modification, any condition established in a permit issued pursuant to a permitting program approved in the state implementation plan shall remain in effect until:

(a) the condition is modified in a subsequent permit action pursuant to Title I of the Clean Air Act; or

(b) the emission unit to which the condition pertains permanently ceases operation.

B.4 Enforceability

Unless otherwise stated, all terms and conditions in this permit, including any provisions designed to limit the source's potential to emit, are enforceable by IDEM, the United States Environmental Protection Agency (U.S. EPA) and by citizens in accordance with the Clean Air Act.

B.5 Severability

The provisions of this permit are severable; a determination that any portion of this permit is invalid shall not affect the validity of the remainder of the permit.

B.6 Property Rights or Exclusive Privilege

This permit does not convey any property rights of any sort or any exclusive privilege.

B.7 Duty to Provide Information

(a) The Permittee shall furnish to IDEM, OAQ, within a reasonable time, any information that IDEM, OAQ may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit. Upon request, the Permittee shall also furnish to IDEM, OAQ copies of records required to be kept by this permit.

(b) For information furnished by the Permittee to IDEM, OAQ, the Permittee may include a claim of confidentiality in accordance with 326 IAC 17.1. When furnishing copies of requested records directly to U. S. EPA, the Permittee may assert a claim of confidentiality in accordance with 40 CFR 2, Subpart B.

B.8 Annual Notification [326 IAC 2-6.1-5(a)(5)]

(a) An annual notification shall be submitted by an authorized individual to the Office of Air Quality stating whether or not the source is in operation and in compliance with the terms and conditions contained in this permit.

(b) The annual notice shall be submitted in the format attached no later than March 1 of each year to:

Indiana Department of Environmental Management
Compliance and Enforcement Branch, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251

(c) The notification shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ on or before the date it is due.

B.9 Preventive Maintenance Plan [326 IAC 1-6-3]

(a) If required by specific condition(s) in Section D of this permit, the Permittee shall prepare and maintain Preventive Maintenance Plans (PMPs) no later than ninety (90) days after issuance of this permit or ninety (90) days after initial start-up, whichever is later, including the following information on each facility:

(1) Identification of the individual(s) responsible for inspecting, maintaining, and repairing emission control devices;

(2) A description of the items or conditions that will be inspected and the inspection schedule for said items or conditions; and

(3) Identification and quantification of the replacement parts that will be maintained in inventory for quick replacement.

If, due to circumstances beyond the Permittee's control, the PMPs cannot be prepared and maintained within the above time frame, the Permittee may extend the date an additional ninety (90) days provided the Permittee notifies:

Indiana Department of Environmental Management
Compliance and Enforcement Branch, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251

The Permittee shall implement the PMPs.

(b) A copy of the PMPs shall be submitted to IDEM, OAQ upon request and within a reasonable time, and shall be subject to review and approval by IDEM, OAQ. IDEM, OAQ may require the Permittee to revise its PMPs whenever lack of proper maintenance causes or is the primary contributor to an exceedance of any limitation on emissions.

(c) To the extent the Permittee is required by 40 CFR Part 60/63 to have an Operation Maintenance, and Monitoring (OMM) Plan for a unit, such Plan is deemed to satisfy the PMP requirements of 326 IAC 1-6-3 for that unit.

B.10 Prior Permits Superseded [326 IAC 2-1.1-9.5]

(a) All terms and conditions of permits established prior to M163-32808-00127 and issued pursuant to permitting programs approved into the state implementation plan have been either:

(1) Incorporated as originally stated,

(2) Revised, or

(3) Deleted.

(b) All previous registrations and permits are superseded by this permit.

B.11 Termination of Right to Operate [326 IAC 2-6.1-7(a)]

The Permittee's right to operate this source terminates with the expiration of this permit unless a timely and complete renewal application is submitted at least one hundred twenty (120) days prior to the date of expiration of the source's existing permit, consistent with 326 IAC 2-6.1-7.

B.12 Permit Renewal [326 IAC 2-6.1-7]

(a) The application for renewal shall be submitted using the application form or forms prescribed by IDEM, OAQ and shall include the information specified in 326 IAC 2-6.1-7. Such information shall be included in the application for each emission unit at this source. The renewal application does require an affirmation that the statements in the application are true and complete by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

Request for renewal shall be submitted to:

Indiana Department of Environmental Management
Permit Administration and Support Section, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251

(b) A timely renewal application is one that is:

(1) Submitted at least one hundred twenty (120) days prior to the date of the expiration of this permit; and

(2) If the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ on or before the date it is due.

(c) If the Permittee submits a timely and complete application for renewal of this permit, the source's failure to have a permit is not a violation of 326 IAC 2-6.1 until IDEM, OAQ takes final action on the renewal application, except that this protection shall cease to apply if, subsequent to the completeness determination, the Permittee fails to submit by the deadline specified, pursuant to 326 IAC 2-6.1-4(b), in writing by IDEM, OAQ any additional information identified as being needed to process the application.

B.13 Permit Amendment or Revision [326 IAC 2-5.1-3(e)(3)][326 IAC 2-6.1-6]

(a) Permit amendments and revisions are governed by the requirements of 326 IAC 2-6.1-6 whenever the Permittee seeks to amend or modify this permit.

(b) Any application requesting an amendment or modification of this permit shall be submitted to:

Indiana Department of Environmental Management
Permit Administration and Support Section, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251

(c) The Permittee shall notify the OAQ no later than thirty (30) calendar days of implementing a notice-only change. [326 IAC 2-6.1-6(d)]

B.14 Source Modification Requirements

A modification, construction, or reconstruction is governed by the requirements of 326 IAC 2.

B.15 Inspection and Entry
[326 IAC 2-5.1-3(e)(4)(B)][326 IAC 2-6.1-5(a)(4)][IC 13-14-2-2][IC 13-17-3-2][IC 13-30-3-1]

Upon presentation of proper identification cards, credentials, and other documents as may be required by law, and subject to the Permittee's right under all applicable laws and regulations to assert that the information collected by the agency is confidential and entitled to be treated as such, the Permittee shall allow IDEM, OAQ, U.S. EPA, or an authorized representative to perform the following:

(a) Enter upon the Permittee's premises where a permitted source is located, or emissions related activity is conducted, or where records must be kept under the conditions of this permit;

(b) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;

(c) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, inspect, at reasonable times, any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit;

(d) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with this permit or applicable requirements; and

(e) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, utilize any photographic, recording, testing, monitoring, or other equipment for the purpose of assuring compliance with this permit or applicable requirements.

B.16 Transfer of Ownership or Operational Control [326 IAC 2-6.1-6]

(a) The Permittee must comply with the requirements of 326 IAC 2-6.1-6 whenever the Permittee seeks to change the ownership or operational control of the source and no other change in the permit is necessary.

(b) Any application requesting a change in the ownership or operational control of the source shall contain a written agreement containing a specific date for transfer of permit responsibility, coverage and liability between the current and new Permittee. The application shall be submitted to:

Indiana Department of Environmental Management
Permit Administration and Support Section, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251

The application which shall be submitted by the Permittee does require an affirmation that the statements in the application are true and complete by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

(c) The Permittee may implement notice-only changes addressed in the request for a notice-only change immediately upon submittal of the request. [326 IAC 2-6.1-6(d)(3)]

B.17 Annual Fee Payment [326 IAC 2-1.1-7]

(a) The Permittee shall pay annual fees due no later than thirty (30) calendar days of receipt of a bill from IDEM, OAQ,.

(b) The Permittee may call the following telephone numbers: 1-800-451-6027 or 317-233-4230 (ask for OAQ, Billing, Licensing, and Training Section), to determine the appropriate permit fee.

B.18 Credible Evidence [326 IAC 1-1-6]

For the purpose of submitting compliance certifications or establishing whether or not the Permittee has violated or is in violation of any condition of this permit, nothing in this permit shall preclude the use, including the exclusive use, of any credible evidence or information relevant to whether the Permittee would have been in compliance with the condition of this permit if the appropriate performance or compliance test or procedure had been performed.

SECTION C SOURCE OPERATION CONDITIONS

Entire Source

Emission Limitations and Standards [326 IAC 2-6.1-5(a)(1)]

C.1 Permit Revocation [326 IAC 2-1.1-9]

Pursuant to 326 IAC 2-1.1-9 (Revocation of Permits), this permit to operate may be revoked for any of the following causes:

(a) Violation of any conditions of this permit.

(b) Failure to disclose all the relevant facts, or misrepresentation in obtaining this permit.

(c) Changes in regulatory requirements that mandate either a temporary or permanent reduction of discharge of contaminants. However, the amendment of appropriate sections of this permit shall not require revocation of this permit.

(d) Noncompliance with orders issued pursuant to 326 IAC 1-5 (Episode Alert Levels) to reduce emissions during an air pollution episode.

(e) For any cause which establishes in the judgment of IDEM, the fact that continuance of this permit is not consistent with purposes of this article.

C.2 Opacity [326 IAC 5-1]

Pursuant to 326 IAC 5-1-2 (Opacity Limitations), except as provided in 326 IAC 5-1-1 (Applicability) and 326 IAC 5-1-3 (Temporary Alternative Opacity Limitations), opacity shall meet the following, unless otherwise stated in this permit:

(a) Opacity shall not exceed an average of thirty percent (30%) in any one (1) six (6) minute averaging period as determined in 326 IAC 5-1-4.

(b) Opacity shall not exceed sixty percent (60%) for more than a cumulative total of fifteen (15) minutes (sixty (60) readings as measured according to 40 CFR 60, Appendix A, Method 9 or fifteen (15) one (1) minute nonoverlapping integrated averages for a continuous opacity monitor) in a six (6) hour period.

C.3 Open Burning [326 IAC 4-1] [IC 13-17-9]

The Permittee shall not open burn any material except as provided in 326 IAC 4-1-3, 326 IAC 4-1-4 or 326 IAC 4-1-6. The previous sentence notwithstanding, the Permittee may open burn in accordance with an open burning approval issued by the Commissioner under 326 IAC 4-1-4.1.

C.4 Incineration [326 IAC 4-2] [326 IAC 9-1-2]

The Permittee shall not operate an incinerator except as provided in 326 IAC 4-2 or in this permit. The Permittee shall not operate a refuse incinerator or refuse burning equipment except as provided in 326 IAC 9-1-2 or in this permit.

C.5 Fugitive Dust Emissions [326 IAC 6-4]

The Permittee shall not allow fugitive dust to escape beyond the property line or boundaries of the property, right-of-way, or easement on which the source is located, in a manner that would violate 326 IAC 6-4 (Fugitive Dust Emissions).

C.6 Asbestos Abatement Projects [326 IAC 14-10] [326 IAC 18] [40 CFR 61, Subpart M]

(a) Notification requirements apply to each owner or operator. If the combined amount of regulated asbestos containing material (RACM) to be stripped, removed or disturbed is at least 260 linear feet on pipes or 160 square feet on other facility components, or at least thirty-five (35) cubic feet on all facility components, then the notification requirements of 326 IAC 14-10-3 are mandatory. All demolition projects require notification whether or not asbestos is present.

(b) The Permittee shall ensure that a written notification is sent on a form provided by the Commissioner at least ten (10) working days before asbestos stripping or removal work or before demolition begins, per 326 IAC 14-10-3, and shall update such notice as necessary, including, but not limited to the following:

(1) When the amount of affected asbestos containing material increases or decreases by at least twenty percent (20%); or

(2) If there is a change in the following:

(A) Asbestos removal or demolition start date;

(B) Removal or demolition contractor; or

(C) Waste disposal site.

(c) The Permittee shall ensure that the notice is postmarked or delivered according to the guidelines set forth in 326 IAC 14-10-3(2).

(d) The notice to be submitted shall include the information enumerated in 326 IAC 14-10-3(3).

All required notifications shall be submitted to:

Indiana Department of Environmental Management
Compliance and Enforcement Branch, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251

The notice shall include a signed certification from the owner or operator that the information provided in this notification is correct and that only Indiana licensed workers and project supervisors will be used to implement the asbestos removal project.

(e) Procedures for Asbestos Emission Control
The Permittee shall comply with the applicable emission control procedures in 326 IAC 14-10-4 and 40 CFR 61.145(c). Per 326 IAC 14-10-1, emission control requirements are applicable for any removal or disturbance of RACM greater than three (3) linear feet on pipes or three (3) square feet on any other facility components or a total of at least 0.75 cubic feet on all facility components.

(f) Demolition and Renovation
The Permittee shall thoroughly inspect the affected facility or part of the facility where the demolition or renovation will occur for the presence of asbestos pursuant to 40 CFR 61.145(a).

(g) Indiana Licensed Asbestos Inspector
The Permittee shall comply with 326 IAC 14-10-1(a) that requires the owner or operator, prior to a renovation/demolition, to use an Indiana Licensed Asbestos Inspector to thoroughly inspect the affected portion of the facility for the presence of asbestos. The requirement to use an Indiana Licensed Asbestos inspector is not federally enforceable.

Testing Requirements [326 IAC 2-6.1-5(a)(2)]

C.7 Performance Testing [326 IAC 3-6]

(a) For performance testing required by this permit, a test protocol, except as provided elsewhere in this permit, shall be submitted to:

Indiana Department of Environmental Management
Compliance and Enforcement Branch, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251

No later than thirty-five (35) days prior to the intended test date.

(b) The Permittee shall notify IDEM, OAQ of the actual test date at least fourteen (14) days prior to the actual test date.

(c) Pursuant to 326 IAC 3-6-4(b), all test reports must be received by IDEM, OAQ not later than forty-five (45) days after the completion of the testing. An extension may be granted by IDEM, OAQ if the Permittee submits to IDEM, OAQ a reasonable written explanation not later than five (5) days prior to the end of the initial forty-five (45) day period.

Compliance Requirements [326 IAC 2-1.1-11]

C.8 Compliance Requirements [326 IAC 2-1.1-11]

The commissioner may require stack testing, monitoring, or reporting at any time to assure compliance with all applicable requirements by issuing an order under 326 IAC 2-1.1-11. Any monitoring or testing shall be performed in accordance with 326 IAC 3 or other methods approved by the commissioner or the U. S. EPA.

Compliance Monitoring Requirements [326 IAC 2-6.1-5(a)(2)]

C.9 Compliance Monitoring [326 IAC 2-1.1-11]

Compliance with applicable requirements shall be documented as required by this permit. The Permittee shall be responsible for installing any necessary equipment and initiating any required monitoring related to that equipment. All monitoring and record keeping requirements not already legally required shall be implemented when operation begins.

C.10 Instrument Specifications [326 IAC 2-1.1-11]

(a) When required by any condition of this permit, an analog instrument used to measure a parameter related to the operation of an air pollution control device shall have a scale such that the expected maximum reading for the normal range shall be no less than twenty percent (20%) of full scale.

(b) The Permittee may request that the IDEM, OAQ approve the use of an instrument that does not meet the above specifications provided the Permittee can demonstrate that an alternative instrument specification will adequately ensure compliance with permit conditions requiring the measurement of the parameters.

Corrective Actions and Response Steps

C.11 Response to Excursions or Exceedances

Upon detecting an excursion where a response step is required by the D Section or an exceedance of a limitation in this permit:

(a) The Permittee shall take reasonable response steps to restore operation of the emissions unit (including any control device and associated capture system) to its normal or usual manner of operation as expeditiously as practicable in accordance with good air pollution control practices for minimizing excess emissions.

(b) The response shall include minimizing the period of any startup, shutdown or malfunction. The response may include, but is not limited to, the following:

(1) Initial inspection and evaluation;

(2) Recording that operations returned or are returning to normal without operator action (such as through response by a computerized distribution control system); or

(3) Any necessary follow-up actions to return operation to normal or usual manner of operation.

(c) A determination of whether the Permittee has used acceptable procedures in response to an excursion or exceedance will be based on information available, which may include, but is not limited to, the following:

(1) Monitoring results;

(2) Review of operation and maintenance procedures and records; and/or

(3) Inspection of the control device, associated capture system, and the process.

(d) Failure to take reasonable response steps shall be considered a deviation from the permit.

(e) The Permittee shall record the reasonable response steps taken.

C.12 Actions Related to Noncompliance Demonstrated by a Stack Test

(a) When the results of a stack test performed in conformance with Section C - Performance Testing, of this permit exceed the level specified in any condition of this permit, the Permittee shall submit a description of its response actions to IDEM, OAQ, no later than seventy-five (75) days after the date of the test.

(b) A retest to demonstrate compliance shall be performed no later than one hundred eighty (180) days after the date of the test. Should the Permittee demonstrate to IDEM, OAQ that retesting in one hundred eighty (180) days is not practicable, IDEM, OAQ may extend the retesting deadline

(c) IDEM, OAQ reserves the authority to take any actions allowed under law in response to noncompliant stack tests.

Record Keeping and Reporting Requirements [326 IAC 2-6.1-5(a)(2)]

C.13 Malfunctions Report [326 IAC 1-6-2]

Pursuant to 326 IAC 1-6-2 (Records; Notice of Malfunction):

(a) A record of all malfunctions, including startups or shutdowns of any facility or emission control equipment, which result in violations of applicable air pollution control regulations or applicable emission limitations shall be kept and retained for a period of three (3) years and shall be made available to the Indiana Department of Environmental Management (IDEM), Office of Air Quality (OAQ) or appointed representative upon request.

(b) When a malfunction of any facility or emission control equipment occurs which lasts more than one (1) hour, said condition shall be reported to OAQ, using the Malfunction Report Forms (2 pages). Notification shall be made by telephone or facsimile, as soon as practicable, but in no event later than four (4) daytime business hours after the beginning of said occurrence.

(c) Failure to report a malfunction of any emission control equipment shall constitute a violation of 326 IAC 1-6, and any other applicable rules. Information of the scope and expected duration of the malfunction shall be provided, including the items specified in 326 IAC 1-6-2(a)(1) through (6).

(d) Malfunction is defined as any sudden, unavoidable failure of any air pollution control equipment, process, or combustion or process equipment to operate in a normal and usual manner. [326 IAC 1-2-39]

C.14 General Record Keeping Requirements [326 IAC 2-6.1-5]

(a) Records of all required monitoring data, reports and support information required by this permit shall be retained for a period of at least five (5) years from the date of monitoring sample, measurement, report, or application. These records shall be physically present or electronically accessible at the source location for a minimum of three (3) years. The records may be stored elsewhere for the remaining two (2) years as long as they are available upon request. If the Commissioner makes a request for records to the Permittee, the Permittee shall furnish the records to the Commissioner within a reasonable time.

(b) Unless otherwise specified in this permit, for all record keeping requirements not already legally required, the Permittee shall be allowed up to ninety (90) days from the date of permit issuance or the date of initial start-up, whichever is later, to begin such record keeping.

C.15 General Reporting Requirements [326 IAC 2-1.1-11] [326 IAC 2-6.1-2] [IC 13-14-1-13]

(a) Reports required by conditions in Section D of this permit shall be submitted to:

Indiana Department of Environmental Management
Compliance and Enforcement Branch, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251

(b) Unless otherwise specified in this permit, any notice, report, or other submission required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or

before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ on or before the date it is due.

(c) The first report shall cover the period commencing on the date of issuance of this permit or the date of initial start-up, whichever is later, and ending on the last day of the reporting period. Reporting periods are based on calendar years, unless otherwise specified in this permit. For the purpose of this permit, “calendar year” means the twelve (12) month period from January 1 to December 31 inclusive.

SECTION D.1 EMISSIONS UNIT OPERATION CONDITIONS

Emissions Unit Description:

(a) Five (5) sheet extrusion lines, consisting of the following:

(1) One (1) extrusion line, identified as E-1, constructed prior to 2002, with a maximum capacity of 1,550 pounds per hour of plastic resin pellets, re-ground plastic resin, colorants and additives, using no control, and exhausting to stack SV-E1.

(2) One (1) extrusion line, identified as E-3, constructed prior to 2002, with a maximum capacity of 950 pounds per hour of plastic resin pellets, re-ground plastic resin, colorants and additives, using no control, and exhausting to stack SV-E3.

(3) One (1) extrusion line, identified as E-4, constructed in 2002, with a maximum capacity of 1,100 pounds per hour of plastic resin pellets, re-ground plastic resin, colorants and additives, using no control, and exhausting to stack SV-E4.

(4) One (1) extrusion line, identified as E-5, constructed in 2002, with a maximum capacity of 850 pounds per hour of plastic resin pellets, re-ground plastic resin, colorants and additives, using no control, and exhausting to stack SV-E5.

(5) One (1) extrusion line, identified as E-6, constructed in 2003, with a maximum capacity of 900 pounds per hour of plastic resin pellets, re-ground plastic resin, colorants and additives, using no control, and exhausting to stack SV-E6.

(b) One (1) profile extrusion line, identified as P-1, constructed in 2005, with a maximum capacity of 350 pounds per hour of plastic waste, using no control, and exhausting inside the building.

(c) Five (5) sheet extrusion edge trimmers, associated with each of the five (5) sheet extrusion lines, with a combined maximum capacity of 5,350 pounds per hour of plastic sheets, using no control, and exhausting inside the building.

(d) Four (4) grinders, consisting of the following:

(1) Two (2) grinders, identified as G-1 and G-2, constructed in 2002, with a maximum capacity of 500 pounds per hour of plastic scrap each, using no control, and exhausting inside the building.

(2) One (1) grinder, identified as G-3, constructed prior to 2002, with a maximum capacity of 500 pounds per hour of plastic scrap, using no control, and exhausting inside the building.

(3) One (1) grinder, identified as G-4, constructed in 2010 with a maximum capacity of 500 pounds per hour of plastic scrap, using no control, and exhausting inside the building.

Note: Some scrap plastic from the five sheet extrusion lines is re-ground for reuse as a raw material in extrusion. This scrap is processed in one of the four grinding units.

(e) Material Handling System, consisting of the following:

(1) One (1) Pellet unloading operation, identified as PU, constructed prior to 2002, with a maximum capacity of 5700 pounds per hour of plastic resin pellets, using no control,

and located outside the building.

(2) One (1) Pellet transferring/conveying operation, identified as PT, constructed prior to 2002, with a maximum capacity of 5700 pounds per hour of plastic resin pellets, using a vacuum pump system with seven (7) pumps, each with a fabric filter, identified as FF1-FF7, and using a cyclone as control, and exhausting to stack SV-CYC.

(3) One (1) Pellet drying operation, identified as PD, constructed prior to 2002, with a maximum capacity of 5700 pounds per hour of plastic resin pellets, using no control, and exhausting inside the building.

Note: The dryers are electric.

(4) One (1) Blending/Mixing operation, identified as MB, with five (5) blenders, one for each extrusion line, constructed prior to 2002, with a maximum capacity of 5700 pounds per hour of plastic resin pellets, re-ground plastic resin, colorants and additives, using no control, and exhausting inside the building.

Note: The maximum throughput of the material handling system is based on the combined maximum capacities of the extrusion lines.

(f) Nine (9) storage silos, constructed prior to 1986, with a total maximum throughput capacity of 24,966 tons per year of plastic pellets, consisting of the following:

(1) One (1) storage silo, identified as SS1, with a maximum capacity of 54,841 pounds of plastic pellets, using no controls, and located outside the building.

(2) One (1) storage silo, identified as SS2, with a maximum capacity of 45,634 pounds of plastic pellets, using no controls, and located outside the building.

(3) One (1) storage silo, identified as SS3, with a maximum capacity of 45,634 pounds of plastic pellets, using no controls, and located outside the building.

(4) One (1) storage silo, identified as SS4, with a maximum capacity of 61,026 pounds of plastic pellets, using no controls, and located outside the building.

(5) One (1) storage silo, identified as SS5, with a maximum capacity of 62,479 pounds of plastic pellets, using no controls, and located outside the building.

(6) One (1) storage silo, identified as SS6, with a maximum capacity of 63,256 pounds of plastic pellets, using no controls, and located outside the building.

(7) One (1) storage silo, identified as SS7, with a maximum capacity of 91,125 pounds of plastic pellets, using no controls, and located outside the building.

(8) One (1) storage silo, identified as SS8, with a maximum capacity of 130,003 pounds of plastic pellets, using no controls, and located outside the building.

(9) One (1) storage silo, identified as SS9, with a maximum capacity of 130,003 pounds of plastic pellets, using no controls, and located outside the building.

(g) Seven (7) natural gas-fired space heaters, consisting of the following:

(1) Five (5) natural gas-fired space heaters, identified as SH1-SH5, constructed in 2005, with a maximum capacity of 0.105 MMBtu/hr each, using no control, and exhausting to

stacks SV-SH1 thru SV-SH5, respectively.

(2) Two (2) natural gas-fired space heaters, identified as SH6 and SH7, constructed in 2005, with a maximum capacity of 0.15 MMBtu/hr each, using no control, and exhausting to stacks SV-SH6 and SV-SH7, respectively.

(h) One (1) natural gas-fired boiler, identified as NGB, constructed prior to 2002, with a maximum capacity of 0.84 MMBtu/hr, using no control, and exhausting to stack SV-NGB.

(The information describing the process contained in this emissions unit description box is descriptive information and does not constitute enforceable conditions.)

Emission Limitations and Standards [326 IAC 2-6.1-5(a)(1)]

D.1.1 Particulate [326 IAC 6.5]

(a) Pursuant to 326 IAC 6.5-1-2(a) (Particulate Matter Limitations except Lake County), particulate matter (PM) emissions from the facilities listed below shall not exceed 0.03 grains per dry standard cubic foot (gr/dscf).

Emission Unit
Five (5), Extrusion lines, identified as E-1, E-3, E-4, E-5, E-6, each
One (1), Profile extrusion line, identified as P-1
Five (5) sheet extrusion edge trimmers, associated with each of the five (5) sheet extrusion lines.
Four (4) grinders, identified as G-1 thru G-4, each
One (1) Pellet unloading operation, identified as PU
One (1) Pellet transferring/conveying operation, identified as PT
One (1) Pellet drying operation, identified as PD
One (1) Blending/Mixing operation (5 blenders), identified as MB
Nine (9) storage silos, identified as SS1 thru SS9, each
Seven (7) natural gas-fired space heaters, identified as SH1 - SH7, each

(b) Pursuant to 326 IAC 6.5-1-2(b)(3), particulate matter (PM) emissions from the one (1) natural gas-fired boiler, identified as NGB, shall not exceed 0.01 grain per dry standard cubic foot (dscf).

D.1.2 Preventive Maintenance Plan [326 IAC 1-6-3]

A Preventive Maintenance Plan is required for these facilities and control devices. Section B – Preventive Maintenance Plan contains the Permittee's obligation with regard to the preventive maintenance plan required by this condition.

Compliance Determination Requirements

D.1.3 Particulate Matter (PM)

In order to comply with Condition D.1.1, the fabric filters identified as FF1-FF7, and cyclone shall be in operation at all times that the one (1) Pellet transferring/conveying operation is in operation.

Compliance Monitoring Requirements [326 IAC 2-6.1-5(a)(2)]

D.1.4 Visible Emissions Notations

(a) Once per day visible emission notations of the cyclone (SV – CYC) stack exhaust, controlling the Pellet transferring/conveying operation, shall be performed during normal daylight operations. A trained employee shall record whether emissions are normal or abnormal.

(b) For processes operated continuously, "normal" means those conditions prevailing, or expected to prevail, eighty percent (80%) of the time the process is in operation, not counting startup or shut down time.

(c) In the case of batch or discontinuous operations, readings shall be taken during that part of the operation that would normally be expected to cause the greatest emissions.

(d) A trained employee is an employee who has worked at the plant at least one (1) month and has been trained in the appearance and characteristics of normal visible emissions for that specific process.

(e) If abnormal emissions are observed, the Permittee shall take reasonable response steps. Section C - Response to Excursions or Exceedances contains the Permittee's obligation with regard to the reasonable response steps required by this condition. Failure to take response steps shall be considered a deviation from this permit.

Record Keeping and Reporting Requirements [326 IAC 2-6.1-5(a)(2)]

D.1.5 Record Keeping Requirement

To document the compliance status with Condition D.1.4, the Permittee shall maintain a daily record of visible emission notations of cyclone stack exhaust. The Permittee shall include in its daily record when a visible notation is not taken and the reason for the lack of visible emission notation, (e.g. the process did not operate that day).

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE AND ENFORCEMENT BRANCH

MINOR SOURCE OPERATING PERMIT
ANNUAL NOTIFICATION

This form should be used to comply with the notification requirements under 326 IAC 2-6.1-5(a)(5).

Company Name:	Azimuth Custom Extrusions, LLC
Address:	1618 Lynch Road
City:	Evansville
Phone #:	812-423-6180
MSOP #:	M163-32808-00127

I hereby certify that Azimuth Custom Extrusions, LLC is:
□ Still in operation.
□ No longer in operation.

I hereby certify that Azimuth Custom Extrusions, LLC is:
□ in compliance with the requirements of MSOP M163-32808-00127.
□ Not in compliance with the requirements of MSOP M163-32808-00127.

Authorized Individual (typed):
Title:
Signature:
Date:

If there are any conditions or requirements for which the source is not in compliance, provide a narrative description of how the source did or will achieve compliance and the date compliance was, or will be achieved.

Noncompliance:

MALFUNCTION REPORT

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE AND ENFORCEMENT BRANCH
FAX NUMBER: (317) 233-6865

This form should only be used to report malfunctions applicable to Rule 326 IAC 1-6 and to qualify for the exemption under 326 IAC 1-6-4.

THIS FACILITY MEETS THE APPLICABILITY REQUIREMENTS BECAUSE IT HAS POTENTIAL TO EMIT 25 TONS/YEAR PARTICULATE MATTER? _____, 25 TONS/YEAR SULFUR DIOXIDE?_____, 25 TONS/YEAR NITROGEN OXIDES?_____, 25 TONS/YEAR VOC ?_____, 25 TONS/YEAR HYDROGEN SULFIDE ?_____, 25 TONS/YEAR TOTAL REDUCED SULFUR ?_____, 25 TONS/YEAR REDUCED SULFUR COMPOUNDS ?_____, 25 TONS/YEAR FLUORIDES ?_____, 100 TONS/YEAR CARBON MONOXIDE ?_____, 10 TONS/YEAR ANY SINGLE HAZARDOUS AIR POLLUTANT ?_____, 25 TONS/YEAR ANY COMBINATION HAZARDOUS AIR POLLUTANT ?_____, 1 TON/YEAR LEAD OR LEAD COMPOUNDS MEASURED AS ELEMENTAL LEAD ?_____, OR IS A SOURCE LISTED UNDER 326 IAC 2-5.1-3(2) ?_____. EMISSIONS FROM MALFUNCTIONING CONTROL EQUIPMENT OR PROCESS EQUIPMENT CAUSED EMISSIONS IN EXCESS OF APPLICABLE LIMITATION _____.

THIS MALFUNCTION RESULTED IN A VIOLATION OF: 326 IAC _____ OR, PERMIT CONDITION # _____ AND/OR PERMIT LIMIT OF _____

THIS INCIDENT MEETS THE DEFINITION OF "MALFUNCTION" AS LISTED ON REVERSE SIDE? Y N

THIS MALFUNCTION IS OR WILL BE LONGER THAN THE ONE (1) HOUR REPORTING REQUIREMENT? Y N

COMPANY:_____PHONE NO. ( )_____
LOCATION: (CITY AND COUNTY)_____
PERMIT NO. _____ AFS PLANT ID: _____ AFS POINT ID: _____ INSP:_____
CONTROL/PROCESS DEVICE WHICH MALFUNCTIONED AND REASON:_____
_____

DATE/TIME MALFUNCTION STARTED: _____/_____/ 20____ _____ AM / PM

ESTIMATED HOURS OF OPERATION WITH MALFUNCTION CONDITION: _____

DATE/TIME CONTROL EQUIPMENT BACK-IN SERVICE_____/_____/ 20____ _____ AM/PM

TYPE OF POLLUTANTS EMITTED: TSP, PM-10, SO2, VOC, OTHER: _____

ESTIMATED AMOUNT OF POLLUTANT EMITTED DURING MALFUNCTION: _____
_____

MEASURES TAKEN TO MINIMIZE EMISSIONS: _____
_____

REASONS WHY FACILITY CANNOT BE SHUTDOWN DURING REPAIRS:

CONTINUED OPERATION REQUIRED TO PROVIDE ESSENTIAL* SERVICES:_____
CONTINUED OPERATION NECESSARY TO PREVENT INJURY TO PERSONS:_____
CONTINUED OPERATION NECESSARY TO PREVENT SEVERE DAMAGE TO EQUIPMENT:_____
INTERIM CONTROL MEASURES: (IF APPLICABLE) _____
_____
_____

MALFUNCTION REPORTED BY: _____TITLE:_____
(SIGNATURE IF FAXED)

MALFUNCTION RECORDED BY: _____DATE:_____TIME:_____
*SEE PAGE 2

Please note - This form should only be used to report malfunctions applicable to Rule 326 IAC 1-6 and to qualify for the exemption under 326 IAC 1-6-4.

326 IAC 1-6-1 Applicability of rule

Sec. 1. This rule applies to the owner or operator of any facility required to obtain a permit under 326 IAC 2-5.1 or 326 IAC 2-6.1.

326 IAC 1-2-39 "Malfunction" definition

Sec. 39. Any sudden, unavoidable failure of any air pollution control equipment, process, or combustion or process equipment to operate in a normal and usual manner.

***Essential services** are interpreted to mean those operations, such as, the providing of electricity by power plants. Continued operation solely for the economic benefit of the owner or operator shall not be sufficient reason why a facility cannot be shutdown during a control equipment shutdown.

If this item is checked on the front, please explain rationale:

_____
_____

Indiana Department of Environmental Management
Office of Air Quality

Technical Support Document (TSD) for New Source Review and Minor Source Operating Permit (MSOP)

Source Description and Location

Source Name:	**Azimuth Custom Extrusions, LLC**
Source Location:	**1618 Lynch Road, Evansville, IN, 47711**
County:	**Vanderburgh**
SIC Code:	**3081 (Unsupported Plastics Film and Sheet)**
Operation Permit No.:	**163-32808-00127**
Permit Reviewer:	**Nida Habeeb**

On February 05, 2013, the Office of Air Quality (OAQ) received an application from Azimuth Custom Extrusions, LLC related to the operation of an existing custom extruded sheet products manufacturer.

Existing Approvals

There have been no previous approvals issued to this source.

This source was issued Construction Permit No. 163-8179-00127 on June 4, 1997, under the company American Sheet Extrusion Corporation. Azimuth Custom Extrusions, LLC purchased this facility in 2002. On October 31, 2012, IDEM OAQ conducted an inspection and directed Azimuth Custom Extrusions, LLC to submit an application to IDEM for an air permit for operation of its existing custom extruded sheet products manufacturing source. On February 05, 2013, IDEM received an application from Azimuth Custom Extrusions, LLC for the operation approval of its existing plant.

County Attainment Status

The source is located in Vanderburgh County.

Pollutant	Designation
SO_2	Better than national standards.
CO	Unclassifiable or attainment effective November 15, 1990.
O_3	Attainment effective January 30, 2006, for the Evansville area, including Vanderburgh County, for the 8-hour ozone standard.[1]
$PM_{2.5}$	Attainment effective October 27, 2011, for the annual PM2.5 standard.
PM_{10}	Unclassifiable effective November 15, 1990.
NO_2	Cannot be classified or better than national standards.
Pb	Not designated.

[1] Attainment effective October 18, 2000, for the 1-hour ozone standard for the Evansville area, including Vanderburgh County, and is a maintenance area for the 1-hour ozone National Ambient Air Quality Standards (NAAQS) for purposes of 40 CFR 51,Subpart X*. The 1-hour designation was revoked effective June 15, 2005.

(a) Ozone Standards

Volatile organic compounds (VOC) and Nitrogen Oxides (NOx) are regulated under the Clean Air Act (CAA) for the purposes of attaining and maintaining the National Ambient Air Quality Standards (NAAQS) for ozone. Therefore, VOC and NOx emissions are considered when evaluating the rule applicability relating to ozone. Vanderburgh County has been designated as attainment or unclassifiable for ozone. Therefore, VOC and NOx emissions were reviewed pursuant to the requirements for Prevention of Significant Deterioration (PSD), 326 IAC 2-2.

(b) $PM_{2.5}$
Vanderburgh County has been classified as attainment for $PM_{2.5}$. On May 8, 2008 U.S. EPA promulgated the requirements for Prevention of Significant Deterioration (PSD) for $PM_{2.5}$ emissions. These rules became effective on July 15, 2008. On May 4, 2011 the air pollution control board issued an emergency rule establishing the direct $PM_{2.5}$ significant level at ten (10) tons per year. This rule became effective, June 28, 2011. Therefore, direct $PM_{2.5}$ and SO_2 emissions were reviewed pursuant to the requirements for Prevention of Significant Deterioration (PSD), 326 IAC 2-2. See the State Rule Applicability – Entire Source section.

(c) Other Criteria Pollutants
Vanderburgh County has been classified as attainment or unclassifiable in Indiana for all other criteria pollutants. Therefore, these emissions were reviewed pursuant to the requirements for Prevention of Significant Deterioration (PSD), 326 IAC 2-2.

Fugitive Emissions

(a) The fugitive emissions of criteria pollutants and hazardous air pollutants are counted toward the determination of 326 IAC 2-6.1 (Minor Source Operating Permits) applicability.

(b) Since this type of operation is not one of the twenty-eight (28) listed source categories under 326 IAC 2-2, 326 IAC 2-3, or 326 IAC 2-7, and there is no applicable New Source Performance Standard that was in effect on August 7, 1980, fugitive emissions are not counted toward the determination of PSD, Emission Offset, and Part 70 Permit applicability.

Unpermitted Emission Units and Pollution Control Equipment

The Office of Air Quality (OAQ) has reviewed an application, submitted by Azimuth Custom Extrusions, LLC on February 5, 2013, relating to the operation of an existing custom extruded sheet products manufacturer. Formerly the source operated under the name American Sheet Extrusion Corporation. In 2002, Azimuth Custom Extrusions, LLC acquired the building and some of the equipment of American Sheet Extrusion Corporation. On October 31, 2012, IDEM OAQ conducted an inspection and directed Azimuth Custom Extrusions, LLC to submit an application to IDEM for an air permit for operation of its existing custom extruded sheet products manufacturing source.

The source consists of the following unpermitted emission units:

(a) Five (5) sheet extrusion lines, consisting of the following:

(1) One (1) extrusion line, identified as E-1, constructed prior to 2002, with a maximum capacity of 1,550 pounds per hour of plastic resin pellets, re-ground plastic resin, colorants and additives, using no control, and exhausting to stack SV-E1.

(2) One (1) extrusion line, identified as E-3, constructed prior to 2002, with a maximum capacity of 950 pounds per hour of plastic resin pellets, re-ground plastic resin, colorants and additives, using no control, and exhausting to stack SV-E3.

(3) One (1) extrusion line, identified as E-4, constructed in 2002, with a maximum capacity of 1,100 pounds per hour of plastic resin pellets, re-ground plastic resin, colorants and additives, using no control, and exhausting to stack SV-E4.

(4) One (1) extrusion line, identified as E-5, constructed in 2002, with a maximum capacity of 850 pounds per hour of plastic resin pellets, re-ground plastic resin, colorants and additives, using no control, and exhausting to stack SV-E5.

(5) One (1) extrusion line, identified as E-6, constructed in 2003, with a maximum capacity of

900 pounds per hour of plastic resin pellets, re-ground plastic resin, colorants and additives, using no control, and exhausting to stack SV-E6.

(b) One (1) profile extrusion line, identified as P-1, constructed in 2005, with a maximum capacity of 350 pounds per hour of plastic waste, using no control, and exhausting inside the building.

(c) Five (5) sheet extrusion edge trimmers, associated with each of the five (5) sheet extrusion lines, with a combined maximum capacity of 5,350 pounds per hour of plastic sheets, using no control, and exhausting inside the building.

(d) Four (4) grinders, consisting of the following:

(1) Two (2) grinders, identified as G-1 and G-2, constructed in 2002, with a maximum capacity of 500 pounds per hour of plastic scrap each, using no control, and exhausting inside the building.

(2) One (1) grinder, identified as G-3, constructed prior to 2002, with a maximum capacity of 500 pounds per hour of plastic scrap, using no control, and exhausting inside the building.

(3) One (1) grinder, identified as G-4, constructed in 2010 with a maximum capacity of 500 pounds per hour of plastic scrap, using no control, and exhausting inside the building.

Note: Some scrap plastic from the five sheet extrusion lines is re-ground for reuse as a raw material in extrusion. This scrap is processed in one of the four grinding units.

(e) Material Handling System, consisting of the following:

(1) One (1) Pellet unloading operation, identified as PU, constructed prior to 2002, with a maximum capacity of 5700 pounds per hour of plastic resin pellets, using no control, and located outside the building.

(2) One (1) Pellet transferring/conveying operation, identified as PT, constructed prior to 2002, with a maximum capacity of 5700 pounds per hour of plastic resin pellets, using a vacuum pump system with seven (7) pumps, each with a fabric filter, identified as FF1-FF7, and using a cyclone as control, and exhausting to stack SV-CYC.

(3) One (1) Pellet drying operation, identified as PD, constructed prior to 2002, with a maximum capacity of 5700 pounds per hour of plastic resin pellets, using no control, and exhausting inside the building.

Note: The dryers are electric.

(4) One (1) Blending/Mixing operation, identified as MB, with five (5) blenders, one for each extrusion line, constructed prior to 2002, with a maximum capacity of 5700 pounds per hour of plastic resin pellets, re-ground plastic resin, colorants and additives, using no control, and exhausting inside the building.

Note: The maximum throughput of the material handling system is based on the combined maximum capacities of the extrusion lines.

(f) Nine (9) storage silos, constructed prior to 1986, with a total maximum throughput capacity of 24,966 tons per year of plastic pellets, consisting of the following:

(1) One (1) storage silo, identified as SS1, with a maximum capacity of 54,841 pounds of plastic pellets, using no controls, and located outside the building.

(2) One (1) storage silo, identified as SS2, with a maximum capacity of 45,634 pounds of plastic pellets, using no controls, and located outside the building.

(3) One (1) storage silo, identified as SS3, with a maximum capacity of 45,634 pounds of plastic pellets, using no controls, and located outside the building.

(4) One (1) storage silo, identified as SS4, with a maximum capacity of 61,026 pounds of plastic pellets, using no controls, and located outside the building.

(5) One (1) storage silo, identified as SS5, with a maximum capacity of 62,479 pounds of plastic pellets, using no controls, and located outside the building.

(6) One (1) storage silo, identified as SS6, with a maximum capacity of 63,256 pounds of plastic pellets, using no controls, and located outside the building.

(7) One (1) storage silo, identified as SS7, with a maximum capacity of 91,125 pounds of plastic pellets, using no controls, and located outside the building.

(8) One (1) storage silo, identified as SS8, with a maximum capacity of 130,003 pounds of plastic pellets, using no controls, and located outside the building.

(9) One (1) storage silo, identified as SS9, with a maximum capacity of 130,003 pounds of plastic pellets, using no controls, and located outside the building.

(g) Seven (7) natural gas-fired space heaters, consisting of the following:

(1) Five (5) natural gas-fired space heaters, identified as SH1-SH5, constructed in 2005, with a maximum capacity of 0.105 MMBtu/hr each, using no control, and exhausting to stacks SV-SH1 thru SV-SH5, respectively.

(2) Two (2) natural gas-fired space heaters, identified as SH6 and SH7, constructed in 2005, with a maximum capacity of 0.15 MMBtu/hr each, using no control, and exhausting to stacks SV-SH6 and SV-SH7, respectively.

(h) One (1) natural gas-fired boiler, identified as NGB, constructed prior to 2002, with a maximum capacity of 0.84 MMBtu/hr, using no control, and exhausting to stack SV-NGB.

(i) One (1) Safety Kleen degreaser unit, identified as PW-1, with a maximum capacity of 60 gallons/year throughput and a volume of 30 gallons/tank.

Note: Safety Kleen degreaser uses a solvent that is non-photochemically reactive and therefore exempt from being classified as a VOC, as per 40 CFR part 51.100(s).

Enforcement Issues

IDEM is aware that equipment has been constructed and operated prior to receipt of the proper permit. IDEM is reviewing this matter and will take the appropriate action. This proposed approval is intended to satisfy the requirements of the construction permit rules.

Emission Calculations

See Appendix A of this TSD for detailed emission calculations.

Alternative emission factors for VOC and PM have been used for the extrusion lines since there are no AP-42 emission factors available for this type of process. Comparable permits were reviewed for extrusion lines and IDEM has determined that the emission factors proposed by this source are conservative

estimates. Further, this source is subject to provisions of 326 IAC 2-6.1 (MSOP), and testing has not been required in other instances where alternative emission factors are used for extrusion lines (e.g. D & W Fine Pack, MSOP No. 003-31054-00346, issued on September 26, 2012). Therefore, no testing will be required to confirm the use of these emission factors.

Permit Level Determination – MSOP

The following table reflects the unlimited potential to emit (PTE) of the entire source before controls. Control equipment is not considered federally enforceable until it has been required in a federally enforceable permit.

Pollutant	Potential To Emit (tons/year)
PM	66.39
PM10[(1)]	66.43
PM2.5	66.43
SO_2	0.00
NO_x	0.73
VOC	4.76
CO	0.61
GHGs as CO_2e	881.72

(1) Under the Part 70 Permit program (40 CFR 70), particulate matter with an aerodynamic diameter less than or equal to a nominal 10 micrometers (PM10), not particulate matter (PM), is considered as a "regulated air pollutant".

HAPs	Potential To Emit (tons/year)
Styrene	3.15
TOTAL HAPs	**3.85**

(a) The potential to emit (PTE) (as defined in 326 IAC 2-1.1-1) of PM, PM10, PM2.5 are each less than one hundred (100) tons per year, but greater than or equal to twenty-five (25) tons per year. The PTE of all other regulated criteria pollutants are less than twenty-five (25) tons per year. Therefore, the source is subject to the provisions of 326 IAC 2-6.1. A Minor Source Operating Permit (MSOP) will be issued.

(b) The potential to emit (PTE) (as defined in 326 IAC 2-1.1-1) of any single HAP is less than ten (10) tons per year and the PTE of a combination of HAPs is less than twenty-five (25) tons per year. Therefore, this source is an area source under Section 112 of the Clean Air Act (CAA) and not subject to the provisions of 326 IAC 2-7.

(c) The potential to emit (PTE) (as defined in 326 IAC 2-1.1-1) greenhouse gases (GHGs) is less than the Title V subject to regulation threshold of one hundred thousand (100,000) tons of CO_2 equivalent emissions (CO_2e) per year. Therefore, the source is not subject to the provisions of 326 IAC 2-7.

PTE of the Entire Source After Issuance of the MSOP

The table below summarizes the potential to emit of the entire source after issuance of this MSOP, reflecting all limits, of the emission units.

Process/ Emission Unit	Potential To Emit of the Entire Source After Issuance of MSOP (tons/year)									
	PM	PM10*	PM2.5	SO_2	NOx	VOC	CO	GHGs as CO_2e**	Total HAPs	Worst Single HAP
Extrusion	3.46	3.46	3.46	-	-	4.72	-	-	3.84	3.15
Material Handling	50.06	50.06	50.06	-	-	-	-	-	-	
Regrinding	8.76	8.76	8.76	-	-	-	-	-	-	-
Edge Trimming	4.10	4.10	4.10	-	-	-	-	-	-	-
Combustion	0.01	0.06	0.06	0.00	0.73	0.04	0.61	881.72	0.01	0.01
Paved Roads	0.52	0.10	0.03	-	-	-	-	-	-	-
Total	**66.39**	**66.43**	**66.43**	**0.00**	**0.73**	**4.76**	**0.61**	**881.72**	**3.85**	**3.15**
Title V Major Source Thresholds**	NA	100	100	100	100	100	100	100,000	25	10
PSD Major Source Thresholds**	250	250	250	250	250	250	250	100,000	NA	NA

*Under the Part 70 Permit program (40 CFR 70), particulate matter with an aerodynamic diameter less than or equal to a nominal 10 micrometers (PM10), not particulate matter (PM), is considered as a "regulated air pollutant".
**The 100,000 CO_2e threshold represents the Title V and PSD subject to regulation thresholds for GHGs in order to determine whether a source's emissions are a regulated NSR pollutant under Title V and PSD.

Federal Rule Applicability Determination

New Source Performance Standards (NSPS)

(a) The requirements of the New Source Performance Standard for Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units, 40CFR 60, Subpart Dc, are not included in this permit because the maximum design heat input capacity of the one (1) natural gas-fired boiler is less than 10 MMBtu/hr.

(b) The requirements of the New Source Performance Standard for VOC Emissions from the Polymer Manufacturing Industry, 40 CFR 60, Subpart DDD (326 IAC 12), are not included in the permit, since this source does not manufacture polypropylene, polyethylene, polystyrene, or poly (ethyleneterephthalate), as defined in 60.561. This source manufactures sheet products from purchased plastic resin pellets under SIC Code 3081, and does not manufacture synthetic resins through predominantly chemical processes (e.g., SIC Codes 2821 and 2824).

(c) There are no New Source Performance Standards (NSPS) (326 IAC 12 and 40 CFR Part 60) included in the permit.

National Emission Standards for Hazardous Air Pollutants (NESHAP)

(a) The requirements of the National Emission Standards for Hazardous Air Pollutants (NESHAP) for Group I Polymers and Resins, Subpart U (326 IAC 20-19) are not included in this permit for this source, since this source does not have elastomer product process units (EPPU) and associated equipment as defined by 40 CFR 63.482.

(b) The requirements of the National Emission Standards for Hazardous Air Pollutants (NESHAP) for Group IV Polymers and Resins, Subpart JJJ (326 IAC 20-21) are not included in this permit for this source, since this source does not have thermoplastic product process units (TPPU) and associated equipment as defined by 40 CFR 63.1312. This source manufactures custom extruded

sheet products from purchased plastic resin pellets from purchased plastic resin pellets under SIC Code 3081, and does not manufacture synthetic resins through predominantly chemical processes (e.g., SIC Codes 2821 and 2824). This source only performs finishing processes (e.g., extruding), which are specifically exempt from the requirements of this rule under 40 CFR 63.1310(d).

(c) The requirements of the National Emission Standards for Hazardous Air Pollutant Emissions: Manufacture of Amino/Phenolic Resins, Subpart OOO (326 IAC 20-58) are not included in this permit for this source, since this source does not manufacture amino/phenolic resins and it is not a major source of HAPs.

(d) This requirements of the National Emission Standards for Hazardous Air Pollutants (NESHAP) for Reinforced Plastic Composites Production, Subpart WWWW (326 IAC 20- 25) are not included in this permit for this source, since the source does not produce reinforced plastic composites as defined by 40 CFR 63.5785 and it is not a major source of HAPs.

(e) The requirements of the National Emission Standards for Hazardous Air Pollutants (NESHAPs) for Industrial, Commercial, and Institutional Boilers and Process Heaters, 40 CFR 63, Subpart DDDDD (63.7480 through 63.7575) (326 IAC 20-95), are not included in this permit, because this source is not a major source of HAPs as defined in 40 CFR 63.2.

(f) The requirements of the National Emission Standards for Hazardous Air Pollutant (NESHAP) for Polyvinyl Chloride and Copolymers Production Area Sources, (40 CFR 63) Subpart DDDDDD are not included in the permit because the source does not produce polyvinyl chloride (PVC) or copolymers.

(g) The requirements of the National Emission Standard for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers Area
Sources (40 CFR Part 63, Subpart JJJJJJ) are not included in this permit, because (pursuant to 40 CFR 63.11195(e)) the boiler and space heaters are natural gas-fired and therefore not subject to the requirements of this rule. Further, the natural gas-fired space heaters do not meet the definition of a boiler, as defined in 40 CFR 63.11237.

(h) The requirements of the National Emission Standards for Hazardous Air Pollutants (NESHAPs)for Polyvinyl Chloride and Copolymers Production, 40 CFR 63, Subpart HHHHHHH, are not included in the permit, since the source does not produce polyvinyl chloride and copolymers, as defined in 40 CFR 63.12005, and is not a major source for HAPs.

(i) There are no National Emission Standards for Hazardous Air Pollutants (NESHAPs) (326 IAC 14, 326 IAC 20 and 40 CFR Part 63) included in the permit.

Compliance Assurance Monitoring (CAM)

(j) Pursuant to 40 CFR 64.2, Compliance Assurance Monitoring (CAM) is not included in the permit, because the unlimited potential to emit of the source is less than the Title V major source thresholds and the source is not required to obtain a Part 70 or Part 71 permit.

State Rule Applicability Determination – Entire Source

The following state rules are applicable to the source:

(a) 326 IAC 2-6.1 (Minor Source Operating Permits (MSOP))
MSOP applicability is discussed under the Permit Level Determination – MSOP section above.

(b) 326 IAC 2-2 (Prevention of Significant Deterioration(PSD))
This source is not a major stationary source, under PSD (326 IAC 2-2), because the potential to emit of all attainment regulated criteria pollutants are less than 250 tons per year, the potential to emit greenhouse gases (GHGs) is less than 100,000 tons of CO_2e per year, and this source is not one of the twenty-eight (28) listed source categories, as specified in 326 IAC 2-2-1(ff)(1). Therefore, pursuant to 326 IAC 2-2, the PSD requirements do not apply.

(c) 326 IAC 2-4.1 (Major Sources of Hazardous Air Pollutants (HAP))
The potential to emit of any single HAP is less than ten (10) tons per year and the potential to emit of a combination of HAPs is less than twenty-five (25) tons per year. Therefore, this source is an area source under Section 112 of the Clean Air Act (CAA) and not subject to the provisions of 326 IAC 2-4.1.

(d) 326 IAC 2-6 (Emission Reporting)
Pursuant to 326 IAC 2-6-1, this source is not subject to this rule, because it is not required to have an operating permit under 326 IAC 2-7 (Part 70), it is not located in Lake, Porter, or LaPorte County, and it does not emit lead into the ambient air at levels equal to or greater than 5 tons per year. Therefore, 326 IAC 2-6 does not apply.

(e) 326 IAC 5-1 (Opacity Limitations)
Pursuant to 326 IAC 5-1-2 (Opacity Limitations), except as provided in 326 IAC 5-1-3 (Temporary Alternative Opacity Limitations), opacity shall meet the following, unless otherwise stated in this permit:

(1) Opacity shall not exceed an average of thirty percent (30%) in any one (1) six (6) minute averaging period as determined in 326 IAC 5-1-4.

(2) Opacity shall not exceed sixty percent (60%) for more than a cumulative total of fifteen (15) minutes (sixty (60) readings as measured according to 40 CFR 60, Appendix A, Method 9 or fifteen (15) one (1) minute nonoverlapping integrated averages for a continuous opacity monitor) in a six (6) hour period.

(f) 326 IAC 6-4 (Fugitive Dust Emissions Limitations)
The source is subject to the requirements of 326 IAC 6-4, because the paved roads have the potential to emit fugitive particulate emissions. Pursuant to 326 IAC 6-4 (Fugitive Dust Emissions Limitations), the source shall not allow fugitive dust to escape beyond the property line or boundaries of the property, right-of-way, or easement on which the source is located, in a manner that would violate 326 IAC 6-4.

(g) 326 IAC 6.5 (Particulate Matter Limitations except Lake County)
Pursuant to 326 IAC 6.5(a)(2), this source is located in Vanderburgh County and has potential PM emissions greater than ten (10) tons per year and is not specifically listed 326 IAC 6.5-2 through 326 IAC 6.5-10; therefore this source is subject to the requirements of this rule.

Pursuant to 326 IAC 6.5-1-2(a), the following emission units are subject to the PM emission limitation listed in the table below.

Emission Unit	PM Emission Limitation (gr/dscf)
Extrusion line, identified as E-1, E-3, E-4, E-5, E-6, each	0.03
Profile extrusion line, identified as P-1	0.03
Five (5) sheet extrusion edge trimmers, each	0.03
Four (4) grinders, identified as G-1 thru G-4, each	0.03
One (1) Pellet unloading operation, identified as PU	0.03
One (1) Pellet transferring/conveying operation, identified as PT	0.03
One (1) Pellet drying operation, identified as PD	0.03
One (1) Blending/Mixing operation, identified as MB	0.03
Nine (9) storage silos, identified as SS1 thru SS9, each	0.03
Seven (7) natural gas-fired space heaters, identified as SH1 - SH7, each	0.03

Pursuant to 326 IAC 6.5-1-2(b)(3), all gaseous fuel-fired steam generators shall not exceed a particulate matter content of no greater than one-hundredth (0.01) grain per dry standard cubic foot (dscf). Pursuant to 326 IAC 6.5-1-1.5(b)(3), "fuel combustion steam generator" means any furnace or boiler used in the process of burning solid, liquid, or gaseous fuel or any combination thereof for the purpose of producing steam by heat transfer. The one (1) natural gas fired boiler meets this definition.

Pursuant to 326 IAC 6.5-1-2(b)(3), the following emission units are subject to the PM emission limitation listed in the table below.

Emission Unit	PM Emission Limitation (gr/dscf)
One (1) natural gas-fired boiler, identified as NGB	0.01

(h) 326 IAC 6-3 (Particulate Emission Limitations for Manufacturing Processes)
Pursuant to 326 IAC 6-3-1(c)(3), this rule shall not apply if a particulate matter limitation is established in 326 IAC 6.5 concerning particulate matter emissions. This source is subject to 326 IAC 6.5, therefore the source is not subject to 326 IAC 6-3.

(i) 326 IAC 12 (New Source Performance Standards)
See Federal Rule Applicability Section of this TSD.

(j) 326 IAC 20 (Hazardous Air Pollutants)
See Federal Rule Applicability Section of this TSD.

State Rule Applicability Determination – Individual Facilities

Extrusion Lines

(a) 326 IAC 6.5 (Particulate Matter Limitations except Lake County)
See State Rule Applicability Determination – Entire Source above.

(b) 326 IAC 6-3 (Particulate Emission Limitations for Manufacturing Processes)
See State Rule Applicability Determination – Entire Source above.

(c) 326 IAC 8-1-6 (New Facilities; General Reduction Requirements)
The five (5) extrusion lines and one (1) profile extrusion line are each not subject to 326 IAC 8-1-6, because the unlimited potential to emit (PTE) of VOCs from each unit is less than 25 tons per year.

(d) 326 IAC 8 (VOC rules)

There are no VOC rules applicable to the extrusion lines.

Material Handling

(e) 326 IAC 6.5 Particulate Matter Limitations except Lake County
See State Rule Applicability Determination – Entire Source above.

(f) 326 IAC 6-3 (Particulate Emission Limitations for Manufacturing Processes)
See State Rule Applicability Determination – Entire Source above.

Regrinding

(g) 326 IAC 6-3 (Particulate Emission Limitations for Manufacturing Processes)
See State Rule Applicability Determination – Entire Source above.

(h) 326 IAC 6.5 Particulate Matter Limitations except Lake County
See State Rule Applicability Determination – Entire Source above.

Edge Trimming

(i) 326 IAC 6-3 (Particulate Emission Limitations for Manufacturing Processes)
See State Rule Applicability Determination – Entire Source above.

(j) 326 IAC 6.5 Particulate Matter Limitations except Lake County
See State Rule Applicability Determination – Entire Source above.

Combustion

(k) 326 IAC 6-2-4 (Particulate Emission Limitations for Sources of Indirect Heating)
The one (1) natural-gas fired boiler and the natural-gas fired heaters are not subject to the requirements of 326 IAC 6-2, because these units are subject 326 IAC 6.5. Further, the natural-gas fired heaters are not subject to 326 IAC 6-2, because each of these units is not a source of indirect heating.

(l) 326 IAC 6-3 (Particulate Emission Limitations for Manufacturing Processes)
See State Rule Applicability Determination – Entire Source above.

(m) 326 IAC 6.5 Particulate Matter Limitations except Lake County
See State Rule Applicability Determination – Entire Source above.

(n) 326 IAC 7-1.1 (Sulfur Dioxide Emission Limitations)
Pursuant to 326 IAC 7-1.1-1, each of the natural gas-fired heaters and the natural-gas fired boiler is not subject to the requirements of 326 IAC 7-1, since each has unlimited sulfur dioxide (SO_2) emissions less than twenty-five (25) tons per year and ten (10) pounds per hour respectively.

(o) 326 IAC 8-1-6 (VOC Rules: General Reduction Requirements for New Facilities)
Each of the natural gas-fired heaters and the natural-gas fired boiler is not subject to the requirements of 326 IAC 8-1-6, since each has unlimited VOC potential emissions of less than twenty-five (25) tons per year.

Degreaser

(p) 326 IAC 8 (VOC Rule)
There are no VOC rules applicable to the degreaser because the source does not use any VOC-containing solvents in this unit.

Compliance Determination, Monitoring and Testing Requirements

(a) The compliance determination and monitoring requirements applicable to this source are as follows:

Emission Unit/Control	Operating Parameters	Frequency
Pellet Transferring/Conveying (PT) Cyclone (stack, SV-CYC)	Visible Emissions	Once per day

Note: Compliance monitoring is required because the potential to emit is greater than 25 tons/yr (see App. A)

(b) There are no testing requirements applicable to this source. See Emissions Calculations portion of this TSD for more details.

Conclusion and Recommendation

Unless otherwise stated, information used in this review was derived from the application and additional information submitted by the applicant. An application for the purposes of this review was received on February 05, 2013.

The operation of this source shall be subject to the conditions of the attached proposed New Source Review and MSOP No. 163-32808-00127. The staff recommends to the Commissioner that this New Source Review and MSOP be approved.

IDEM Contact

(a) Questions regarding this proposed permit can be directed to Nida Habeeb at the Indiana Department Environmental Management, Office of Air Quality, Permits Branch, 100 North Senate Avenue, MC 61-53 IGCN 1003, Indianapolis, Indiana 46204-2251 or by telephone at (317) 234-8531 or toll free at 1-800-451-6027 extension 4-8531.

(b) A copy of the findings is available on the Internet at: http://www.in.gov/ai/appfiles/idem-caats/

(c) For additional information about air permits and how the public and interested parties can participate, refer to the IDEM's Guide for Citizen Participation and Permit Guide on the Internet at: www.in.gov/idem

Emission Calculations Summary
Source Totals

Company Name: Azimuth Custom Extrusions, LLC
Source Location: 1618 Lynch Road, Evansville, IN 47711
Permit Number: 163-32808-00127
Permit Reviewer: Nida Habeeb

Uncontrolled Potential to Emit (tons/year)

Emission Unit(s)	PM	PM10	PM2.5	SO_2	NO_X	VOC	CO	CO_2(e)	HAPs	Worst Single HAP	Worst Single HAP Name
Extrusion	3.46	3.46	3.46	-	-	4.72	-	-	3.84	3.15	Styrene
Material Handling	50.06	50.06	50.06	-	-	-	-	-	-		-
Regrinding	8.76	8.76	8.76	-	-	-	-	-	-	-	-
Edge Trimming	4.10	4.10	4.10	-	-	-	-	-	-	-	-
Combustion	0.01	0.06	0.06	0.00	0.73	0.04	0.61	881.72	0.01	0.01	Hexane
Paved Roads	0.52	0.10	0.03	-	-	-	-	-	-	-	
Total	**66.39**	**66.43**	**66.43**	**0.00**	**0.73**	**4.76**	**0.61**	**881.72**	**3.85**	**3.15**	**Styrene**

Controlled Potential to Emit (tons/year)

Emission Unit(s)	PM	PM10	PM2.5	SO_2	NO_X	VOC	CO	CO_2(e)	HAPs	Worst Single HAP	Worst Single HAP Name
Extrusion	3.46	3.46	3.46	-	-	4.72	-	-	3.84	3.15	Styrene
Material Handling	30.83	30.83	30.83	-	-	-	-	-	-		-
Regrinding	8.76	8.76	8.76	-	-	-	-	-	-	-	-
Edge Trimming	4.10	4.10	4.10	-	-	-	-	-	-	-	-
Combustion	0.01	0.06	0.06	0.00	0.73	0.04	0.61	881.72	0.01	0.01	Hexane
Paved Roads	0.52	0.10	0.03	-	-	-	-	-	-	-	
Total	**47.17**	**47.21**	**47.21**	**0.00**	**0.73**	**4.76**	**0.61**	**881.72**	**3.85**	**3.15**	**Styrene**

Emission Calculations
VOC & HAP Emissions from Extrusion Lines

Company Name: Azimuth Custom Extrusions, LLC
Source Location: 1618 Lynch Road, Evansville, IN 47711
Permit Number: 163-32808-00127
Permit Reviewer: Nida Habeeb

VOC and PM Potential to Emit

Emission Unit	Maximum Capacity (lb/hr)	VOC Emission Factor (µg/g)	VOC Emission Factor (lb/ton)	VOC Emissions (lb/hr)	VOC Emissions (lb/day)	VOC Emissions (ton/yr)	PM Emission Factor (µg/g)	PM Emission Factor (lb/ton)	PM Emissions (lb/hr)	PM Emissions (lb/day)	PM Emissions (ton/yr)
Extrusion Line E-1	1,550	189	0.3780	0.29	7.03	1.28	138.6	0.2772	0.21	5.16	0.94
Extrusion Line E-3	950			0.18	4.31	0.79			0.13	3.16	0.58
Extrusion Line E-4	1,100			0.21	4.99	0.91			0.15	3.66	0.67
Extrusion Line E-5	850			0.16	3.86	0.70			0.12	2.83	0.52
Extrusion Line E-6	900			0.17	4.08	0.75			0.12	2.99	0.55
Profile Extrusion Line P-1	350			0.07	1.59	0.29			0.05	1.16	0.21
Total	**5,700**			**1.08**	**25.86**	**4.72**			**0.79**	**18.96**	**3.46**

HAP Potential to Emit

	Acrylonitrile	Ethylbenzene	Styrene	Isopropylbenzene	Acetophenone
Emission Factor (µg/g)	7.79	8.01	126	2.68	9.29
Emission Factor (lb/ton)	1.56E-02	1.60E-02	2.52E-01	5.36E-03	1.86E-02
Potential Emissions (tons/year)	1.94E-01	2.00E-01	**3.15E+00**	6.69E-02	2.32E-01
Total HAPs (tons/year)					**3.84E+00**

Notes:

Assume PM=PM10=PM2.5

Conversion from µg/g to lb/ton: µg/g x 1 lb/453,592,370 µg x 907,184.74 g/ 1 ton = lb/ton

VOC and HAP emission factors are from "Sampling and Analysis of Volatile Organic Compounds Evolved During Thermal Processing of Acrylonitrile Butadiene Styrene Composite Resins," Journal of the Air & Waste Management Association, September 1995. Acrylonitrile Butadiene Styrene (ABS) resin was used as the representative worst-case resin extruded. Because this study did not include a particulate emission factor, the emission factor was obtained from "Development of Emission Factors for Polycarbonate Processing," Journal of the Air & Waste Management Association, July 2002. The factor used is for a polycarbonate/ABS blend.

Methadology

VOC Emissions (lb/hr) = [maximim capacity(lb/hr)/ 2000 lb/ton] * VOC Emission factor (lb/ton)
VOC Emissions (lb/day) = VOC Emissions (lb/hr) * 24 hr/day
VOC Emissions (ton/year) = VOC Emissions (lb/hr) * 8760 (hr/yr)/2000 (lb/ton)
PM Emissions (lb/hr) = [maximim capacity(lb/hr)/ 2000 lb/ton] * PM Emission factor (lb/ton)
PM Emissions (lb/day) = PM Emissions (lb/hr) * 24 hr/day
PM Emissions (ton/year) = PM Emissions (lb/hr) * 8760 (hr/yr)/2000 (lb/ton)
HAP Emissions (ton/year) = Maximum Capacity (lb/hr)/2000 (lb/ton) * Emission Factor (lb/ton) * 8760 (hr/yr)/2000 (lb/ton)

Emission Calculations
Particulate Emissions from Material Handling

Company Name: Azimuth Custom Extrusions, LLC
Source Location: 1618 Lynch Road, Evansville, IN 47711
Permit Number: 163-32808-00127
Permit Reviewer: Nida Habeeb

Particulate Matter Potential to Emit

Process Operation	Maximum Capacity (lb/hr)	Emission Factor (lb PM/ton)	PM Emissions (lb/hr)	PM Emissions (lb/day)	PM Emissions (ton/yr)	Control Efficiency (%)	Controlled PM Emissions (lb/hr)	Controlled PM Emissions (lb/day)	Controlled PM Emissions (ton/yr)
Pellet Unloading (PU)	5,700	0.61	1.74	41.72	7.61	0.00%	1.74	41.72	7.61
Pellet Transferring/Conveying (PT)	5,700	2.20	6.27	150.48	27.46	70.00%	1.88	45.14	8.24
Pellet Drying (PD)	5,700	0.60	1.71	41.04	7.49	0.00%	1.71	41.04	7.49
Raw Material Blending/Mixing (MB)	5,700	0.60	1.71	41.04	7.49	0.00%	1.71	41.04	7.49
			11.43	**274.28**	**50.06**		**1.71**	**41.04**	**30.83**

Notes:

Maximum material throughput is limited by the combined maximum capacities of the extrusion lines, which is 5,700 lbs/hr.

Material handling includes unloading into silo or gaylord boxes, transfer via vacuum conveyance system, drying, and blending.

Assume PM=PM10=PM2.5

PM emission factor for unloading is from AP-42 Chapter 11.17 Lime Manufacturing, Table 11.17-4, product loading, enclosed truck (SCC 3-05-016-26).

PM emission factor for transferring/conveying is from AP-42 Chapter 11.17 Lime Manufacturing, Table 11.17-4, product transfer and conveying (SCC 3-05-016-15).

PM emission factor for blending/mixing is from AP-42 Chapter 11.13 Glass Fiber Manufacturing, Table 11.13-2, mixing and weighing (SCC 3-05-012-23).

PM emission factor for drying is assumed to be equal to or less than least-emiting of the other material handling operations, which is blending/mixing.

The material handling system includes 7 vacuum pumps with filters with air from the system eventually discharging to a cyclone. For control efficiency, an assumed worst-case efficiency of 70% for the cyclone only was used.

Methadology

PM Emissions (lb/hr) = [maximim capacity(lb/hr)/2000 lb/ton] * Emission factor (lb PM/ton)
PM Emissions (lb/day) = PM Emissions (lb/hr) * 24 hr/day
PM Emissions (ton/year) = PM Emissions (lb/hr) * 8760 (hr/yr)/2000 (lb/ton)

Controlled PM Emissions (lb/hr) = PM Emissions (lb/hr) * 0.30
Controlled PM Emissions (lb/day) = PM Emissions (lb/day) * 0.30
Controlled PM Emissions (ton/yr) = PM Emissions (ton/yr) * 0.30

Emission Calculations
Particulate Emsissions from Regrinding

Company Name: Azimuth Custom Extrusions, LLC
Source Location: 1618 Lynch Road, Evansville, IN 47711
Permit Number: 163-32808-00127
Permit Reviewer: Nida Habeeb

Particulate Matter Potential to Emit

Emission Unit	Maximum Capacity (lb/hr)	Emission Factor (lb PM/ton)	PM Emissions (lb/hr)	PM Emissions (lb/day)	PM Emissions (ton/yr)
Grinder #1	500	2.000	0.50	12.00	2.19
Grinder #2	500		0.50	12.00	2.19
Grinder #3	500		0.50	12.00	2.19
Grinder #4	500		0.50	12.00	2.19
Total	**2,000**			**48.00**	**8.76**

Notes:

Assume PM=PM10=PM2.5

Because no emission factors are available for plastic grinding, SCC 30200786 (WebFIRE) for uncontrolled soybean hull grinding was used.

Although each grinder has an associated fabric filter, the fabric filters are not in use and therefore are not considered in the emission calculations.

Methadology

PM Emissions (lb/hr) = [maximim capacity(lb/hr)/2000 lb/ton] * Emission factor (lb PM/ton)
PM Emissions (lb/day) = PM Emissions (lb/hr) * 24 hr/day
PM Emissions (ton/year) = PM Emissions (lb/hr) * 8760 (hr/yr)/2000 (lb/ton)

Emission Calculations
Particulate Emsissions from Edge Trimming

Company Name: Azimuth Custom Extrusions, LLC
Source Location: 1618 Lynch Road, Evansville, IN 47711
Permit Number: 163-32808-00127
Permit Reviewer: Nida Habeeb

Particulate Matter Potential to Emit

Emission Unit	Maximum Capacity (lb/hr)	Emission Factor (lb PM/ton)	PM Emissions (lb/hr)	PM Emissions (lb/day)	PM Emissions (ton/yr)
Extrusion Line E-1	1,550	0.350	0.27	6.51	1.19
Extrusion Line E-3	950		0.17	3.99	0.73
Extrusion Line E-4	1,100		0.19	4.62	0.84
Extrusion Line E-5	850		0.15	3.57	0.65
Extrusion Line E-6	900		0.16	3.78	0.69
Total	**5,350**		**0.94**	**22.47**	**4.10**

Notes:

Edge trimming occurs on the 5 main extrusion lines but not the profile extrusion line.

Assume PM=PM10=PM2.5

Because no emission factors are available for plastic sheet trimming, SCC 30700802 (WebFIRE) for log sawing was used to estimate emissions.

Methadology

PM Emissions (lb/hr) = [maximim capacity(lb/hr)/2000 lb/ton] * Emission factor (lb PM/ton)
PM Emissions (lb/day) = PM Emissions (lb/hr) * 24 hr/day
PM Emissions (ton/year) = PM Emissions (lb/hr) * 8760 (hr/yr)/2000 (lb/ton)

Emission Calculations
Natural Gas Combustion < 100 MMBtu/hr

Company Name: Azimuth Custom Extrusions, LLC
Source Location: 1618 Lynch Road, Evansville, IN 47711
Permit Number: 163-32808-00127
Permit Reviewer: Nida Habeeb

Emission Unit	Total Heat Input Capacity (MMBTU/hr)	Potential Throughput (MMCF/yr)
5 space heaters @ 105,000 Btu/hr	0.525	4.599
2 space heaters @ 150,000 Btu/hr	0.300	2.628
1 boiler	0.842	7.379
Total	1.667	14.606

Criteria Pollutants

Pollutant	PM	PM10	PM2.5	SO_2	NO_X	VOC	CO
Emission Factor (lb/MMCF)	1.9	7.6	7.6	0.6	100	5.5	84
Potential Emissions (tons/year)	0.01	0.06	0.06	0.00	0.73	0.04	0.61

Methodology
All emission factors are based on normal firing.
MMBtu = 1,000,000 Btu
MMCF = 1,000,000 Cubic Feet of Gas
Emission Factors are from AP 42, Chapter 1.4, Tables 1.4-1, 1.4-2, 1.4-3, SCC #1-02-006-02, 1-01-006-02, 1-03-006-02, and 1-03-006-03
Potential Throughput (MMCF) = Heat Input Capacity (MMBtu/hr) x 8,760 hrs/yr x 1 MMCF/1,000 MMBtu
Emission (tons/yr) = Throughput (MMCF/yr) x Emission Factor (lb/MMCF)/2,000 lb/ton

HAPs

Organic HAPs	Benzene	Dichlorobenzene	Formaldehyde	Hexane	Toluene
Emission Factor (lb/MMCF)	2.10E-03	1.20E-03	7.50E-03	1.80E+00	3.40E-03
Potential Emissions (tons/year)	1.53E-05	8.76E-06	5.48E-05	**1.31E-02**	2.48E-05
Total Organic HAPs (tons/year)					1.32E-02
Metals	**Lead**	**Cadmium**	**Chromium**	**Manganese**	**Nickel**
Emission Factor (lb/MMCF)	5.00E-04	1.10E-03	1.40E-03	3.80E-04	2.10E-03
Potential Emissions (tons/year)	3.65E-06	8.03E-06	1.02E-05	2.78E-06	1.53E-05
Total Metal HAPs (tons/year)					4.00E-05

Methodology
Methodology is the same as previous page.
The five highest organic and metal HAPs emission factors are provided above.
Additional HAPs emission factors are available in AP-42, Chapter 1.4.
See next page for Greenhouse Gas calculations.

Greenhouse Gases

Pollutant	CO_2	CH_4	N_20
Emission Factor (lb/MMCF)	120,000	2.3	2.2
Potential Emissions (tons/year)	876.39	0.02	0.02
CO_2(e) (tons/year)			881.72

Methodology
The N_2O Emission Factor for uncontrolled is 2.2. The N_2O Emission Factor for low NOx burner is 0.64.
Emission Factors are from AP 42, Table 1.4-2 SCC #1-02-006-02, 1-01-006-02, 1-03-006-02, and 1-03-006-03.
Global Warming Potentials (GWP) from Table A-1 of 40 CFR Part 98 Subpart A.
Emission (tons/yr) = Throughput (MMCF/yr) x Emission Factor (lb/MMCF)/2,000 lb/ton
CO_2e (tons/yr) = CO_2 Potential Emission ton/yr x CO_2 GWP (1) + CH_4 Potential Emission ton/yr x CH_4 GWP (21) + N_2O Potential Emission ton/yr x N_2O GWP (310).

Emission Calculations
Fugitive Dust Emissions from Paved Roads

Company Name: Azimuth Custom Extrusions, LLC
Source Location: 1618 Lynch Road, Evansville, IN 47711
Permit Number: 163-32808-00127
Permit Reviewer: Nida Habeeb

Paved Roads at Industrial Site
The following calculations determine the amount of emissions created by paved roads, based on 8,760 hours of use and AP-42, Ch 13.2.1 (1/2011

Vehicle Informtation (provided by source)

Type	Maximum number of vehicles per day	Number of one-way trips per day per vehicle	Maximum trips per day (trip/day)	Maximum Weight Loaded (tons/trip)	Total Weight driven per day (ton/day)	Maximum one-way distance (feet/trip)	Maximum one-way distance (mi/trip)	Maximum one-way miles (miles/day)	Maximum one-way miles (miles/yr)
Empty product truck entering plant	3	1	3.0	34.0	102.0	200	0.038	0.1	41.5
Loaded product truck leaving plant	5	1	5.0	75.0	375.0	200	0.038	0.2	69.1
Loaded raw material truck entering plant	3	1	3.0	75.0	225.0	200	0.038	0.1	41.5
Empty raw material truck leaving plant	3	1	3.0	34.0	102.0	200	0.038	0.1	41.5
		Totals	**14.0**		**804.0**			**0.5**	**193.6**

Average Vehicle Weight Per Trip = 57.4 tons/trip
Average Miles Per Trip = 0.04 miles/trip

Unmitigated Emission Factor, Ef = [k * (sL)^0.91 * (W)^1.02] (Equation 1 from AP-42 13.2.1)

	PM	PM10	PM2.5	
where k =	0.011	0.0022	0.00054	lb/VMT = particle size multiplier (AP-42 Table 13.2.1-1)
W =	57.4	57.4	57.4	tons = average vehicle weight (provided by source)
sL =	9.7	9.7	9.7	g/m^2 = silt loading value for paved roads at iron and steel production facilities - Table 13.2.1-3

Taking natural mitigation due to precipitation into consideration, Mitigated Emission Factor, Eext = E * [1 - (p/4N)] (Equation 2 from AP-42 13.2.1)
Mitigated Emission Factor, Eext = Ef * [1 - (p/4N)]
where p = 125 days of rain greater than or equal to 0.01 inches (see Fig. 13.2.1-2)
N = 365 days per year

	PM	PM10	PM2.5	
Unmitigated Emission Factor, Ef =	5.416	1.083	0.2659	lb/mile
Mitigated Emission Factor, Eext =	4.952	0.175	0.2431	lb/mile
Dust Control Efficiency =	0%	0%	0%	(pursuant to control measures outlined in fugitive dust control plan

Process	Unmitigated PTE of PM (tons/yr)	Unmitigated PTE of PM10 (tons/yr)	Unmitigated PTE of PM2.5 (tons/yr)	Mitigated PTE of PM (tons/yr)	Mitigated PTE of PM10 (tons/yr)	Mitigated PTE of PM2.5 (tons/yr)	Controlled PTE of PM (tons/yr)	Controlled PTE of PM10 (tons/yr)	Controlled PTE of PM2.5 (tons/yr)
Empty product truck entering plant	0.11	0.02	5.51E-03	0.10	0.00	5.04E-03	0.10	0.00	5.04E-03
Loaded product truck leaving plant	0.19	0.04	9.19E-03	0.17	0.01	8.40E-03	0.17	0.01	8.40E-03
Loaded raw material truck entering plant	0.11	0.02	5.51E-03	0.10	0.00	5.04E-03	0.10	0.00	5.04E-03
Empty raw material truck leaving plant	0.11	0.02	5.51E-03	0.10	0.00	5.04E-03	0.10	0.00	5.04E-03
Totals	**0.52**	**0.10**	**0.03**	**0.48**	**0.02**	**0.02**	**0.48**	**0.02**	**0.02**

Methodology
Total Weight driven per day (ton/day) = [Maximum Weight Loaded (tons/trip)] * [Maximum trips per day (trip/day)
Maximum one-way distance (mi/trip) = [Maximum one-way distance (feet/trip) / [5280 ft/mile
Maximum one-way miles (miles/day) = [Maximum trips per year (trip/day)] * [Maximum one-way distance (mi/trip)
Average Vehicle Weight Per Trip (ton/trip) = SUM[Total Weight driven per day (ton/day)] / SUM[Maximum trips per day (trip/day)
Average Miles Per Trip (miles/trip) = SUM[Maximum one-way miles (miles/day)] / SUM[Maximum trips per year (trip/day)
Unmitigated PTE (tons/yr) = [Maximum one-way miles (miles/yr)] * [Unmitigated Emission Factor (lb/mile)] * (ton/2000 lbs)
Mitigated PTE (tons/yr) = [Maximum one-way miles (miles/yr)] * [Mitigated Emission Factor (lb/mile)] * (ton/2000 lbs)
Controlled PTE (tons/yr) = [Mitigated PTE (tons/yr)] * [1 - Dust Control Efficiency]

Abbreviations
PM = Particulate Matter
PM10 = Particulate Matter (<10 um)
PM2.5 = Particle Matter (<2.5 um)
PTE = Potential to Emit

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
We Protect Hoosiers and Our Environment.

Michael R. Pence
Governor

Thomas W. Easterly
Commissioner

100 North Senate Avenue
Indianapolis, Indiana 46204
(317) 232-8603
Toll Free (800) 451-6027
www.idem.IN.gov

SENT VIA U.S. MAIL: CONFIRMED DELIVERY AND SIGNATURE REQUESTED

TO: Chuck Evans
Azimuth Custom Extrusions LLC
1618 Lynch Rd
Evansville, IN 47711

DATE: May 22, 2013

FROM: Matt Stuckey, Branch Chief
Permits Branch
Office of Air Quality

SUBJECT: Final Decision
MSOP
163-32808-00127

Enclosed is the final decision and supporting materials for the air permit application referenced above. Please note that this packet contains the original, signed, permit documents.

The final decision is being sent to you because our records indicate that you are the contact person for this application. However, if you are not the appropriate person within your company to receive this document, please forward it to the correct person.

A copy of the final decision and supporting materials has also been sent via standard mail to:
Don Ward, Responsible Official
OAQ Permits Branch Interested Parties List

If you have technical questions regarding the enclosed documents, please contact the Office of Air Quality, Permits Branch at (317) 233-0178, or toll-free at 1-800-451-6027 (ext. 3-0178), and ask to speak to the permit reviewer who prepared the permit. If you think you have received this document in error, please contact Joanne Smiddie-Brush of my staff at 1-800-451-6027 (ext 3-0185), or via e-mail at jbrush@idem.IN.gov.

Mail Code 61-53

IDEM Staff	DPABST 5/22/2013 Azimuth Custom Extrusions LLC 163-32808-00127 (Final)		AFFIX STAMP HERE IF USED AS CERTIFICATE OF MAILING
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2		Don Ward VP Azimuth Custom Extrusions LLC 1618 Lynch Rd Evansville IN 47711 *(RO CAATS)*									
3		Evansville City Council and Mayors Office 1NW MLK Blvd, Rm 302 Evansville IN 47708 *(Local Official)*									
4		Vanderburgh County Commissioners 1 NW MLK Blvd, Rm 305 Evansville IN 47708 *(Local Official)*									
5		Evansville Vanderburg Public Library 200 SE Martin Luther King Jr. Blvd Evansville IN 47708-1694 *(Library)*									
6		Mr. Don Mottley Save Our Rivers 6222 Yankeetown Hwy Boonville IN 47601 *(Affected Party)*									
7		Vanderburgh County Health Dept. 420 Milberry Street Evansville IN 47713-1888 *(Health Department)*									
8		Kim Sherman 3355 Woodview Drive Newburgh IN 47630 *(Affected Party)*									
9		Mr. Mark Wilson Evansville Courier & Press P.O. Box 268 Evansville IN 47702-0268 *(Affected Party)*									
10		Evansville EPA 100 E. Walnut St. Suite 100, Newsome Center Evansville IN 47713 *(Local Official)*									
11		Julie Delp Wilcox Environmental Engineering 5757 West 74th Street Indianapolis IN 46278 *(Consultant)*									
12		David Boggs 216 Western Hills Dr Mt Vernon IN 47620 *(Affected Party)*									
13		Timothy R martin Lucent Polymers 1800 Lynch Road Evansville IN 47711 (Affected Party)									
14		Ulrich Realty, Inc. PO Box 20 Hendersonville KY 42419 *(Affected Party)*									
15		Princeton Mining Company 650 South SR 46 Terre Haute IN 47803 *(Affected Party)*									

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Mail Code 61-53

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1		Evansville - Vanderburgh School Corporation 951 Walnut Street Evansville IN 47113 (Affected Party)									
2		Melinda Paul General Manager HSMF, LLC 12835 Saint Wendel Road Evansville IN 47720 *(Affected Party)*									
3		John Blair 800 Adams Ave Evansville IN 47713 *(Affected Party)*									
4											
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